

The Chemical Age

Index to Volume LXXV

July to September, 1956

A

A/B Ojetransit	66
Abril Corp. (Gt. Britain) Ltd., high melting-point waxes	546
Accidents, reduction of, at ICI factories	38
Acetate yarn, new plant for, in Chile	75
Acetic acid as depilatory	572
Achema congress and exhibition in 1958	409
Acrlan plant in Ulster to be built by Chemstrand Ltd.	12
Acronize	357
Action Technical College, technological course	404
Ad-Dri	346
Adhesives for marine research	292
Advisory service by Birmingham Productivity Assoc.	483
Aero Research Ltd., new telephone No.	67
African Explosives & Chemical Industries Ltd., annual report of	84
Superphosphate project	574
Airkem Odour-Counteracted, new insecticide	172
Air pollution	109, 531
And Imperial Chemical Industries Ltd.	34
Air scheme, clean	454
Albright & Wilson Ltd, Half-year results	590
US merger plans	124
Alcohols, for sprouting potatoes	348
Alkali & S. Works Act, 92nd report	241
Works in England and Wales, report on	168
Alkathene, production by ICI	16
Allogibberic acid	577
Alloys, high-nickel, welding of	20
Aluminium; Foil, heat-seal	460
Plant, primary in US	536
Sulphate plant, in British Columbia	214
Triformate	541
Volta River scheme	396
Ambulance awards for ICI	89
American; Chemical Society, 130th national meeting	346
Institute of Chemical Engineers, national meeting	401, 540
Ameripol SN	406
Ammonia; Anhydrous, plant for	297
Plant, new, for Cubato, Brazil	86
Plant, new, for the Texas Co.	23
Ammoniacal gas liquor; As fertiliser	245
Disposal of	245
Ammonium sulphate, Portuguese	172
Analysis, classical methods of, of organic phosphorus insecticides	117
Anglo-Lautaro nitrate works, strike settled	571
Angula Engineering Co., new type drawing board developed	11
Antibiotics; As preservatives	20
As fish preservatives	348
As food preservatives	357
New, oleandomycin	358
Anti-knock, determination of	18
Antimony oxide as flame retardant	580
Antioxidants	441, 442
In foods	537
Antwerp refinery, new units for	125
Apparatus, new laboratory	119
Approved chemicals list, availability of	121
APV Co. Ltd., annual meeting	217
Araldite epoxy resins for Dead Sea Scrolls	530
Argon in titanium process	532
Arnel, Celanese tri-acetate fibre	575

Arsenic; Detection of small quantities	395
Poisoning, chronic	395
Assembly cabinets	116
Association of British Chemical Manufacturers; Changes	67
Price restraint	159
Atomic; Agency, European	262
Energy Authority, UK; report of	207
Energy Commission US	351
Energy, courses on	489
Energy department, Babcock & Wilcox	289
Energy for Egypt	538
Energy in Austria	299
Energy, Peru	408
Energy reactions in Rumania	172
Orders in Canada	489
Power station; Australia	243
Czechoslovakia	298
Dounreay	218
Reactor, India	405
Research; German	79
India, meeting on	217
Test reactor, Belgium	293
Waste, disposal of	532
Atoms by automation	549
Aureomycin as food preservative	357
Australian news	166
Austria, atomic energy company	299
Automatic control, for blending and mixing liquids	402
Automation; Comment by Sir Alexander Fleck	80
And auto-thinking	105
In perspective	291
Autronic control equipment	438

B

Badische Anilin- & Soda-Fabrik AG, annual general meeting	91
Baird & Tatlock Ltd.; Appointed agents for Beckman Instruments Inc.	11
Lisbon exhibits	483
Potentiometric titration apparatus	34
Baker Perkins (Exports) Ltd., new address	203
Barclay House Pharmaceutical Co. Ltd.	40
Barium-140, estimation of sea-bed drift	292
Battelle radiation source	298
Bauxite plant for Jamaica	401
Beckman Instruments Inc.; Appoint Baird & Tatlock Ltd. as agents	11
Appoint Gallenkamp, A., & Co. Ltd. as agents	501
Beilby Memorial Awards, applications for	398
Belgium, engineering test reactor	293
Bellows, flexible	584
Benger Labs. Ltd., agreement with Lakeside Labs. Inc.	541
Benn Brothers Ltd., final dividends	226
Benzole, fatality from	483
Berger, Lewis, & Sons Ltd., trading profit	266
Berk, F. W., & Co., interim dividend	550
Berk Exothermics Ltd., new company	550
Beryllium Corp. contract	571
Beryllium, production of	207
Bessemer process considered	435
BFMIRA (see under British Food Manufacturing Industries Research Association)	
Bilharzia, chemicals against	394
Biochemical factory in Italy	66
Biochemistry, growth of	491
Birlec training centre	578
Birmingham Productivity Assoc.	483

Aluminium, Italian output	489
Black oils, increased use of	33
Bleach, new chlorine	346
BLEU trade with UK	311
Boake, A., Roberts & Co. Ltd.; Catalogue	
<i>Industrial Chemicals reviewed</i>	177
Expansion plans	120
Bonding media	69
Boots Pure Drug Co. Ltd.	466
Borax Consolidated Ltd.; Appointments	77
Price increases	399
Borax (Holdings) interim dividend	266
BPP plastics fluid	576
Bradford Technical College, gifts to	453
Bradley Pulverizer Co., new address	253
Brick-making lubricant	67
Briggs, William, & Sons Ltd., expansion plans	11
British; American Oil Co., new sulphur plant	75
Association for the advancement of Science 165,	394
118th annual meeting	210, 394, 435,
Section 'B' dinner, photos	444
Association of Chemists joins FICCIA	454
Cast Iron Research Association (BCIRA),	
advisory service of	76
Colour Council's Silver Jubilee	501
Compressed Air Society's technical reference	
book	363
Drug Houses Ltd., catalogue	545
Filters Ltd., prices stabilised	537
Fire Services Association, annual meeting	35
Food Manufacturing Industries Research Assoc.,	
Annual meeting report	174
At Food Fair	159
Food research campaign	174
Liaison & advisory unit	18
Work of	68
Glues & Chemicals Ltd., annual general meeting	91
Institute of Management, conference	243, 289
Laboratory Ware Assoc., price stabilisation	460
Manufacturers of Petroleum Equipment, annual	
dinner	393
Occupational Hygiene Society, conference on	
fires	168
Oxygen Co. Ltd.; Fellowships	354
New N. Ireland plant	292
S. Wales plant	203
Oxygen Gases Ltd., expansion	111
Petroleum Co.; Aden refinery output	214
Corrosion control system	542
Members of Parliament visit research station	
at Sunbury-on-Thames	11
New analytical chemistry & physics laboratory	11
Petroleum Exploration Co. Ltd., licence for	159
Pharmaceutical Conference	437, 576
Papers	487
Plastics Federation, abstracts	89
Standards; Institution annual report 1955	363
Dipping thermometer BS 2720	124
New gas cylinder trolleys BS 2718	86
New spherical ground glass joints BS 2761	308
New vulcanized butadiene acrylonitrile rubber	
compounds BS 2751	88
New vulcanized chloroprene rubber compounds,	
BS 2752	88
Pictorial marking of handling instructions for	
non-dangerous goods BS 2770	409
P.V. sheeting BS 2739	438
Revised, heat insulating terms BS 874	67
Revised, methods of testing vulcanised rubber	583
Revised, Ubbelohde apparatus BS 894	592
Tar Products Ltd., general meeting	464
Brome & Schimmer Ltd.	458
Bromine, from Israel	592
Brotherton & Co. Ltd., trading profits	218
Bung key, 'Fit-All'	13
Burma pharmaceutical industry, progress report	224
Bush, W. J., & Co. Ltd., annual general meeting	530
Butadiene; copolymers	484, 520
Goodrich plant expansion	346
Plant expansion in Texas	246
Production, of International Synthetic Rubber	
Co.	484
Butakon copolymers	530
Butyl latex tyres	570

2,3,4,5-bis-(Δ 2-butylene) tetrahydrofurfural ..	578
Blackett, Prof. P. M. S.	436

BOOK REVIEWS—

Advanced Analytical Chemistry (W. Wagner) ..	264
Analytical Standards for M & B Laboratory Chemicals, 55th Edition (published by May & Bär & Co. Ltd.) ..	121
Annual Review of Nuclear Science, Vol. 5, 1955 (Edited by Annual Review Inc.) ..	263
British Chemicals and their Manufacturers, 1955 Supplement 1956 (published by Assoc. British Chemical Manufacturers) ..	410
British Compressed Air Society, Technical Reference Book of Compressed Air Terms and Standards ..	36
Chemical Engineering Practice, Vol. I General, Vol. II Operations and Processes Involving Solid Systems (Part I) (Edited by H. W. Cremer and T. Davies) ..	220
Dechema-Monographs Nos. 311-331 ..	23
duction to the Basic Unit Operations (A. A. Benedetti-Pichler) ..	219
Fire Hazard of Static Electricity, The, Booklet 29 (Published by Fire Protection Association) ..	456
Fluid Flow in Practice (Edited by J. R. Caddell) High Speed Aerodynamics and Jet Propulsion; Vol. I Thermodynamics and Physics of matter (Edited by F. D. Rossini) ..	263 127
Vol. II Combustion Processes (Edited by B. Lewis, R. N. Pease & H. S. Taylor) ..	28
Industry Within Industry, An (Published by Johnson, Matthey & Co. Ltd.) ..	121
Inorganic Qualitative Analysis; A Concise Scheme using the Semi-Micro Technique (H. Holness) ..	264
Life of Ludwig Mond, The (J. M. Cohen) ..	87
Life of Sir William Ramsay, A (Morris W. Travers) ..	176
Margarine and other Food Fats; Their History, Production and Use (M. K. Schwitzer) ..	500
Mathematics of Diffusion, The (J. Crank) ..	548
Modern Chemical Processes, Vol. IV (Edited by Editors of <i>Industrial & Engineering Chemistry</i>) Perspectives in Organic Chemistry (Edited by Sir Alexander Todd) ..	175 448
Principles of Metallography (Georg Masing) ..	309
Principles of the International Conference on the Peaceful Uses of Atomic Energy (United Nations Scientific Secretariat); Vol. 4, Cross- sections important to reactor design ..	310
Vol. 5; Physics of Reactor Design ..	362
Vol. 14; General Aspects of the Use of Radio- active Isotopes; Dosimetry ..	412
Production of Heavy Water (G. M. Murphy) ..	500
Quantitative Chemical Analysis (R. B. Fischer) Resonance in Organic Chemistry (G. W. Wheland) ..	27 88
Spektrochemische Betriebsanalyse (Heinrich Moritz) ..	547
Systematic Identification of Organic Compounds, The, 4th Edn. (R. L. Shriner, R. C. Fuson & D. Y. Curtin) ..	27
Tables of Physical and Chemical Constants & Some Mathematical Functions, XIth Edn. (E. W. C. Kaye & T. H. Laby) ..	309
Technik der Negativ-und-Positiv-verfahren, Die (E. Mutter) ..	87
Vacuum Deposition of Thin Films (L. Holland) Valency & Molecular Structure (E. Cartmell & G. W. A. Fowles) ..	547 17

AUTHOR INDEX—

Barradas, R. G., Review of Organic Phosphorus Insecticides	29, 117
Brearley, G., Plant Construction with Non-Metals as Materials	295
Cremer, H. W., Plant Construction With Non-Metals as Materials	295

Inglis, N. P., Plant Construction: Metals as Materials	451
Curphey, E. G., Polyurethane Resins; Development since 1950	69
Lindberg, Bengt, Degradation of Polysaccharides	495
Moore, W. R., Interaction of Cellulose Derivatives with Solvent	255, 301
Pain, Peter—	
Importing a Patent	81
Development of New Drugs	211
Tax and Sale of 'Know-How'	359
Liability for Explosion	449
Young, Prof. F. G., Growth of Biochemistry	491

C

Cadmium from N. Rhodesia	363
Calcium carbonate, precipitated	177
Caledonian Fibreplast Ltd.	348
Canada, chemical expansion in	82
Canadian; Chemical & Cellulose Co. Ltd.	458
Chemical expenditure	23
Industries Ltd.	404
Capital gains tax	206
Car industry & chemicals	481
Carbide industry, N. Zealand	542
Carbon black plant; For Australia	494
New	166
Carriage of dangerous goods, amendments	111
Cary Chemicals Inc., link-up	351
Catalytic cracking plant, scale model	160
Caustic soda, safe handling charts	34
Celanese Corporation of America; Dividend declared	504
Half-yearly report	414
Report from president	575
Cellulose; Derivatives, interaction with solvents	255, 301
Factory; Hungary	406
Celon	173
Cement; Norway to exports	214
Production costs	203
Production in 1954, US	538
Cementation Co. Ltd., new address	450
Ceramic Holdings	416
Cesium-137, gamma ray source	244
Cetomacrogol 1000	487
Ceylon State industries	400
Chance Brothers, negotiations for factory site	159
Chemical; Abstracts, Russian	538
& Metallurgical plant, new	529
Companies & growth	486
Employees	203
Engineering course, Glasgow	361
Engineers, making	391
Expansion, Mexico	299
Exports; Hong Kong	541
Germany	209
Italy	362, 372
Swiss	214
UK June 1956	162
UK July 1956	345
UK August 1956	578
West German	287
Imports; Argentina	298, 494
Uruguay	358
Industry; Austrian	217
Canadian, for French market	218
Dutch	541
Expenditure	290
German	306
Italian	539
Injuries, US	398
Investments overseas	573
Manufacturers' Assoc., German	306
Metallurgical & Mining Society of South Africa, change of name	75
Plant, Mexico	372
Prices, British	179, 365, 585
Prices, pegged by ICI	206
Production in Italy	172
Products, S. Vietnam	494
Projects, German	573

Pulp output, Finnish	172
Pulp output, Swedish	214
Research Laboratory, open days	159
Rubber & Plastics Exhibition, IVth, Paris	85, 218
Sheep shearing	358
Statistics, Japanese	541
Systems, gamma radiation studies	163
Technology course, London	361
Trade, Italy	372
Trading, Sweden	358
Chemical Industry News, new Indian Journal	86
Chemicals; & car industry	481
& chemical plant, Russian orders	260
Dumping duty on	345
East German	352
For odour-control in industry	67
From coal	163
Industrial, from petroleum	452
Israeli	579
Mathieson, for industry	308
Portuguese	494
Swedish exports of	466
Farm, usage in Republic of Ireland	531
Chemistry lectures, Manchester	489
Chemists, education of	343
Chloramphenicol manufacture, licence applications	211
Chlorine; Bleach, new	346
Safe handling charts	34
Chlorotetracycline	357
Cholesterol, from W. & J. Whitehead	454
Ciba Review, June issue contents	177
Citric acid production	210
Coal; & chemicals	14
Imports	68
Tar; Dyes, some prohibited in US	574
Imports, US	360
Technology	108
Coating, deep seal oleoresinous	203
Cockburn & Co.	416
Cockroach control, synergised pyrethrum for	21
Cockroach repellent	578
Coke; Imports, Swedish	456
Output, at Monkton Coke Works	529
Oven; Contracts	84
Development at Corby	292
Production, increase in	203
Research plant, new	393
Coking-plant wastes, purification of	458
Coliclean Ltd.	502
Colonial development & research	76
Columbia, market in	116
Compagnie Française des Pétroles, net profit	266
Compoflex Co. Ltd.; Appointments	294
Metallic vibration eliminator	308
Representatives	208
Conference; On reactor systems, Harwell	346
On static electricity in textiles	399
Purchasing Officers' Association	376
Rubber in Engineering	307
Congress; 4th International Potash	159, 248
On analytical chemistry	372
16th International, for Pure & Applied Chemistry	307
2nd World Metallurgical	494
Convention of Chemical Sciences 1956	85
Corrosion; Control system	542
Meeting on	306
Protection by special paint	407
Resistant fabric	498
Courses, technical, available	361
Courtalds Ltd.; Annual general meeting	40
Scientific & Educational Trust Fund Awards	535
Crane Packing Ltd., flexible bellows	584
Crookes Laboratories, annual dinner	438
Croydon Precision Instrument Co., latest products	14
Cyclo steel	435
Cynomel	346

D

Dallow Lambert & Co. Ltd., address changed	243
Damascus Trade Fair	345
Dawe Instruments Ltd.	252
Day-glo inks	349
De La Rue, Thomas, & Co. Ltd., annual meeting	218

Food; & Agricultural Organisation of the United Nations, survey of insect pests	86
Industry, advisory unit for	18
Machinery & Chemical Corporation, research project	253
Research campaign	174
Research film	393
Synthetic	395
Technology	348
Foods, Dehydrated	111
Drugs & water, course on	212
Foreign investment	573
Formaldehyde plant for Mexico	541
Forticel	575
Fortiflex	575
Fortisan-36, protective fabric	125
Foundry Services Ltd., new chemical plant	529
Foxboro-Yoxall, move to new factory	204
Fraser, W. J., & Co. Ltd., new contract	111
Fuel; & power, Swedish	456
Chemical, high energy	253
Chemistry	157, 163
Efficiency; Exhibition	252
New impetus to	68
Luncheon Club	289
Research Board, annual report	157, 163
Saving allowance, Treasury order	393
Storage, at Belfast, negotiations by Shell-Mex & BP	411
US nuclear	306
Fuels, chemical	352
Fumes; Obnoxious	110
Odorous, disposal of	531
Fungicide, new, for fruit	85
Furfural; From exhausted olive cakes	396
Retining unit	408

G

Gallium, estimation of	169, 215
Gamma radiation; Cesium-137 source	244
For study of chemical systems	163
Source, at Frankfurt	298
Gas; Analysis	108
Council catalogue	308
Natural, in Pakistan	446
Production, US	125
Purification & Chemical Co. Ltd.; Annual general meeting	592
Final dividend	266
Resources, Russia	584
Surplus for household and industrial use	168
Gaseous effluent, disposal of	531
Gases, liquefied petroleum, sales of	398
General Electric Co. Ltd.; Flameproof loud-speaker	376
Title for laboratories	246
German, West, competition	287
Germanium, estimation of	169, 215
Germany; Chemical exports	209
Gibberellic acid	437, 577
Gibberellin	437, 577
Gibberellins for growth, research work outlined	577
Gibberic acid	577
Girling, S., & Sons (Coopers) Ltd. change of name	159
Glass factory for Flintshire	159
Glassware service by Howard Lloyd & Co. Ltd.	574
Glaxo Laboratories Ltd., Australian branch	166
Glutamic acid enantiomorphs, thermomicro methods of identification	19
Glycerine prices, reduced	437
Glycosidic linkage, alkaline hydrolysis	495
Goggle, new safety	571
Gold output record	125
Goodrich, B. F. Co., Canada	358
Griffin-BDH water deioniser	119
Griffiths Hughes Proprietaries annual general meeting	42
Growth, chemical, new	437
Gypsum production up, Pakistan	541

H

Hardman & Holden Ltd., annual general meeting	129
Hartley Electromotives Ltd.	16
Heat exchangers, Italian licensing agreement	541
Heavy water; Manufacture in India	213
Production, Czechoslovakia	298
Hess, A., & Bros. Ltd., Birmingham Office	483
Hess Products Ltd.; Birmingham Office	483
Scottish representatives	529
Hooker Electrochemical Co.	124
Horwich Smith & Co. Ltd., plastics finishing method	453
Howard Lloyd & Co. Ltd., glassware service	574
Howitt Committee report	26
Hungary, trade with Yugoslavia	358
Hydrad	484
Hydraulic bending machine	584
Hydrazine, non-inflammable	88
Hydrofluoric acid plant; Canada	400
Nichols Chemical Co.	289
Hydrogen peroxide plant, Bombay	405
Hydronyl Syndicate Ltd., new telephone No.	438
Hydrotherm Engineering Ltd., change of address	504
Hypalon, note of lecture on	457

I

Ilmenite sands, Nyasaland	579
Imperial Chemical Industries Ltd.; Annual report for employees	251
Australia & New Zealand, interim dividend	130
Butakon range	530
Dispute at alloy works	111
Methyl methacrylate plant project	173
New technical laboratory	483
Price restraint	206
Procion dyestuffs	452
Report for staff	65
Safety award	243
Terylene buyers' guide, industrial version	251
Third oil-cracking plant	16
Imperial College of Science & Technology, scholarships for women	126
Importing a patent	81
Incorporated Sales Managers' Assoc., conference	243
India; Contract with Russia	25
2nd Five-Year Plan	439
Report of	25
Steel mill for	466
Sulphuric acid plant	74
Indian Newsletter	25, 213, 405
Industrial; Chemicals catalogue of	177
Injuries Act, definition of diseases	394
Lubricating oils, review of pamphlet on	363
Safety; Campaign	218
Exhibition, Milan	438
Injuries, chemical, in US	398
Ink manufacture, printing	349
Insecticide; Imports, Brazil	356
New	172
Insecticides; Organic phosphorus, review of	29, 117
Preparation of fine particle	409
Institute; Of Industrial administration, Harrogate conference plans	243, 289
Of Metal Finishing, meeting	243
Of Metals, change of address	529
Of Physics; graduateship examinations	159
Election of officers	165
Instruments, small, code of practice for exhibitions	306
Insulin, protamine zinc	345
Interaction of cellulose derivatives with solvent	255, 301
International; Combustion Ltd., facilities of test house available to industry	11, 168
Congress of Chemistry	85
Finance Corp., booklet on	536
Labour office, safety regulations amendments	203
Potash Institute Congress	159
Rubber Co., new synthetic rubber plant	16
Ion exchange process, counter-current	355
Iraq; Petroleum Co., profit on oil sales	313
Pure drinking water supplies	12

Iricon Agency, elections to	354
Isoeal	203
Isotope; Developments Ltd., atomic energy courses	489
Laboratory, US	579
Stable, Oak Ridge National Laboratory List	34
Italian chemical industry	539

J

Japan, developments in petroleum chemical industry	12
Jenson & Nicholson Group Ltd.	42
Jessop, William, titanium fire	398
Johnson, Matthey & Co. Ltd.; Annual general meeting	226
New publication	121
Price stabilisation	529

K

KDG Instruments Ltd., new address ..	126
Kemball, Bishop & Co. Ltd., sports fete ..	76
Kern Oil Co.	416
Key Industry Duty; Additions to chemicals list ..	86
Exemptions	372

L

Laboratory ware, prices fixed	297
Labour Policy, Mr. H. Gaitskell's remarks ..	205
Lakon Ltd.	464
Lankro Chemicals Ltd., explosion details ..	447
Lansil Ltd., diversification of interests ..	184
Laporte; Chemicals Ltd., prices fixed ..	289
Industries Ltd., annual general meeting ..	164
Leather Chemists' Societies meeting	290
Legal studies	81, 211, 359
Leipzig Autumn Fair	399
Travel arrangements	23
Lennig, Charles, & Co. (Great Britain) Ltd., manufacture of oil additives	16
Lessing, Dr. R., telephone No. change	460
Level control, instruments for	543
Liability for explosion	449
Light, L., & Co. Ltd., telegraphic address ..	111
Lignite project, India	213
Lion Oil & Fat Co. Ltd., Tokyo	12
Liquids, Blending and mixing of, by automatic control	402
Flammable, fire control of	36
Lonza, S.A., annual report	446
Loudspeaker, flameproof	376
Lubricants, heat-resistant	352

M

Machinery, new	307
Magnetite, output to be increased	376
Magnesium; Explosion, Kent	438
Plant in Alabama, US	546
Price of	483
Magnetometer, direct-reading	16
Major & Co.	416
Margam; Electro-Finishes Ltd.	297
Oxygen plant	203
Margarine, new refinery	166
Maure, Leeds centenary exhibition of ..	529
May & Baker Ltd., odour-control chemicals ..	67
McAlpine Chemical Co. Ltd.	464
Merck Sharp & Dohme (International) Ltd., developments in Bermuda	23
Metal; Corrosion in the presence of wood ..	65
Recovery, US	456
Metallurgical Congress, 2nd world	494
Methane, S. African	460
Methanol plant, India	298
Methyl; Bromide as insecticide	86
Methylacrylate, new plant for	173
Metemicals (Cannon) Ltd.	414
Metropolitan-Vickers, offer to science masters ..	393
Mexico, chemical expansion	299
MGK Repellent II	578

Microchemistry symposium	393
Micro-filters, test rig for	217
Microid pipette filler	119
Mining industry, US, dwindling deposits ..	265
Mirrlees Watson Co. Ltd., annual general meeting ..	265
Monax and Other Laboratory Glassware—John Moncrieff Ltd.	34
Monckton Coke & Chemical Co. Ltd.	504
Mond Nickel Co. Ltd., house magazine	398
Monopolies Commission inquiries	569
Monsanto Chemicals Ltd.; Discharge of effluent ..	529
Interim dividend	394
New industrial chemicals from petroleum ..	452
Note on literature survey of pyroclor transformers	177
Pollution; Action	89
Problems	164
Staff changes	254
Tred symposium	289
Morgan, J. P., & Co., American depository receipts ..	261
Morgan Crucible Co. Ltd.; Annual general meeting	91
Centenary celebrations	161
Moth-proofing, dieldrin	483
Murex Ltd., annual general meeting	592

N

Naphthalene, high melting point	582
National; Chemical Products, annual report ..	504
Industrial Fuel Efficiency Service (NIFES); Advisory service of	76
Progress survey	68
Pharmacy exhibition	488
Natural gas supplies, Italy	539
Negretti & Zambra Ltd.; Exhibition	483
Interim dividend	226
Neo-Plex No. 55, safety goggle	571
Neoprene, note of lecture on	457
Newport Instruments (Scientific & Mobile) Ltd., new magnetometer	16
Nicholas Pty. Ltd., new Australian factory ..	166
Nickel; Deposits, Gatooma	579
Information on	398
Supplies, US	546
Niobium, recovery of	456
Nitrate Corporation of Chile Ltd.; new prices ..	173
Nitrate of soda prices	68
Nitrate; Plant, Greek	125
Production, Chile	399
Strike settled, Chile	571
Nitric acid, leakage from tanker	450
Nitro-fertilisers, Austrian	484
Nitrogen fertilisers, production in Netherlands ..	120
Nobel Prizes—and Russia	75
Nuclear; Fuel, US	306
Power reactor systems, conference	346
Reactor, for research, Peru	408
Research reactor for Israel	519
Nylon; fire in	38, 111
Resin, Zytel	214

O

Oak Ridge National Laboratory; First decade ..	579
Revised stable isotopes inventory & price list ..	34
Odour-control chemicals	67
Oil; Additives, US for UK	16
& Colour, Chemists', Assoc.	438
1957 exhibition	571
9th technical exhibition	11
Symposium	307
& gas resources, Russia	584
Blending installation for Shell Austria AG at Wien-Simmering, Austria	455
Chemicals	9
Consumption in UK	483, 489
Contract, Israeli	261
Deposits, Timor	400
Development, India	357
Dumas refinery, explosion	223
Exploration	159
France	358

Venezuela	358
Find in French Equatorial Africa	446
From China	298
Heaters for Trinidad Oil Co. Ltd.	261
Imports forecast, US	167
-in-water emulsions	576
Israeli	220
Marine, beneath S. China Sea	574
Output; German	372
World	160
Pipeline; Haifa-Elath	299
New from Suez	178
Turkey	408
Port, new, in Stockholm	562
Production; Colombia	404
Mexico	446
Peru	393
Products, German mineral	455
Refineries, India, attitude towards	501
Refinery; Fawley, fire at	243
for Corumbá, Brazil	446
for Eire	74
Geelong	348
Indian, proposed	261
Planned in Norway	125
Sarnia, contract awarded	262
Strasbourg	361
Syria, tendering for	345
Syria	400
Research station, Reggio	394
Search; In France	400
In N. Zealand	579
In Papua	452
Storage terminal, Cyrenaica	85
Storing company, in France	305
From coal	163
Sampling of stored	163
Oldbury Electro-Chemical Co.	124
Oleandomycin	358
Olefin polymerisation, new US technique	540
Oleoresinous coating	203
Olin Mathieson Chemical Corp.; Appointments	77
Chemical booklet reviewed	308
Chemical fuel production	253
Chemicals division, staff appointments	448
Domestic & Canadian sales	312
Olin Revere Metals Corp.; New aluminium plant	536
To produce aluminium	446
Olive cake residue, as source of furfural	396
Organisation for European Economic Co-operation (OEEC), chemical products committee, dyestuffs situation	23
Ortalion yarn	401
Ovaline Research Laboratories, estimation of vitamin B	18
Oxyacetylene welding courses, British Oxygen	
Gases Ltd.	404
Oxygen; Hose for liquid	542
Plant, new, opened	203
OBITUARY	
Bacon, Christopher	437
Bennett, Lt.-Col. Garrod	361
Braude, Professor E. A.	204
Levinstein, Dr. Herbert	262, 290
Paterson, Sir William	357
Priest, F. H.	313
Soddy, Dr. Frederick	571
Thorpe, Reginald Atkins	313
Williamson, John	437
P	
PA-105	358
Pakistan; Natural gas	446
New industrial plants	571
Paper industry in Uganda, survey for	125
Paraplex P-444	251
Parathion poisoning	29
Paris technical meetings	85
Parke, Davis & Co. Ltd., accident at	289
Parliamentary topics	33, 89, 167, 262
Particle; Accelerator, Van de Graaff	247, 261
Size of powders, new measuring instruments for	24
Patent, British, tetracycline	529
Patents, import of	81
Péchiney (Paris), annual general meeting	42
Penicillin, Glaxo booklet on, reviewed	583
Peracetic acid	455
Perkin; Anniversary, US celebrations	166
Memorial plaque	398
Permalit Ltd.; Annual general meeting	91
New factory	111
Permutit Co. Ltd., new address	223
Pesticides, spraying by air	204
Petrochemical plant at Sarnia	171
Petrochemicals Ltd.; Acquire Styrene Products Ltd.	203
Styrene plant	484
Petro-Chem Iso-Flow furnaces	261
Petroleum; Chemical production in OEEC countries	173
Exports, Australia	261
Gases, liquefied, sales of	398
Mexican imports	446
Output, world	261
Products, radiation effects to be studied	261
Products, West African development	127
Pfizer, Chas. E., & Co. Inc.; Biochemical factory in Italy	66
Fermentation booklet	545
Project in Italy	66
Sales & earnings	266
Statement by president of	119
Phabio (Pharmaceutical & Biological Products) Ltd.	464
Pharmaceutical; Factory in Argentina, Eli Lilly	214
Plant for Bermuda	23
Phosphate; Deposits, development of	75
Rock, US production	579
Phosphorus insecticides; Organic, review of	29, 117
Spectrophotometric methods of analysis	29
Photography, high speed	438
Pigments containing titanium oxide	533
Pilkington Bros., negotiations for factory site	159
Pinchin Johnson & Associates Ltd.	416
Annual general meeting	226
Plant construction; Metals for	451
With non-metals	295
Plant protection, in West Germany	244
Plastic; Finishing	453
Fluid for blueprints	576
Plastics; Abstracting service for	89
For springs	395
Germany at Wiltz	446
Industry, Scotland	348
Profit from	218
Symposium	393
US project	173
Plurionics	174
Pneu-technique exhibition	483
Poisoning, parathion	29
Pollution; Air	109
Atmospheric	313
By chemicals	89
Chemical	205
Problems	164
Sewage, of beaches, studies on	207
Water, abstracts on	252
Polyacrylic resin products	108
Polyamide fibre	401
Polyester mouldings, glass reinforced	251
Polymerisation; Low pressure, of ethylene	107
Olefin, US technique	540
Ziegler low pressure	126
Polymer; Research in US	300
Solvent interaction	255
Polypropylene pilot plant	126
Polysaccharides, degradation of	495
Polythene; From Monsanto	452
Low pressure, Belgian plant for	298
New	485
Plants, new	22
Production, France	406
Telcothene, tubing	363
Polyurethane resins, development since 1950	69
Poly(vinyl) chloride coated fabric	576

Potash; Congress, 4th International, Report on	248	Davies, G. T. Randal	535
Dead Sea Works project	172	Davis, A. R.	294
Effects on crop yields	450	Dawson, A. T.	254
German loan agreement	217	DeTham, Charles	293
Japanese order	172	Dewar, D. J.	208
Nitrate prices	173	Dickie, W. A.	294
Potter & Clarke; Capital reorganisation scheme	466	Din, Dr. F.	535
Fall in profits	312	Dingley, Cyril S.	294
Powder reflectometer	24	Dodd, G.	254
Powell Duffryn Ltd.; Change of address	250	Douglas, A. A. H.	112
Trading profits	374	Dring, G.	490
Preservatives for fish, antibiotics as	20, 357	Dudding, B. P.	165
Pretoria Portland Cement Co.	416	Dummett, G. A.	208
Primary decyl alcohol, availability	406	Duncalfe, Sir Roger	490
Printing ink manufacture	349	Duncan, A. A.	78
Proabd (England) Ltd., new naphthalene process	582	Dryden, Dr. I. G. C.	354
Procion dyestuffs	452	Edgar, Charles H.	254
Protamine zinc insulin	345	Eisenman, W. H.	353
Protective fabric, Fortisan-36	125	Ellam, Kenneth J.	294
Proximity meters, new	121	Fenton, Richard C.	448
Publications & Announcements	34, 86, 121, 177, 251, 309, 363, 545	Figgins, B. F.	354
Pullin Group, new showrooms	437	Gallagher, J. V.	535
Purchasing Officers' Association, annual conference	376	Gannon, John A.	293
Purecal	177	Garner, T. J.	535
Pye Electric Ltd.	159	Gendron, John W.	354
Pye Ltd., forms new company	159	George, C. M.	354
Pyrene fire detecting systems	209	Gibson, Dr. Weldon B.	353
Pyrethrum; Development, for cockroach control	21	Giffen, Prof. E.	490
Dust for control of crop pests	116	Gilbert, T. A.	264
Production; Kenya	75, 214	Gill, E. T.	254
Tanganyika	214	Gillespie, R.	78
Pyroclor transformers, literature survey published	177	Given, Prof. Kingsley W.	353
		Greenhalgh, G. H.	77
		Hadley, C. V.	294
		Haggerson, Frederic S.	208
		Hamer, W. E.	254
		Hancock, E. W.	77
		Hancock, R. H.	397
		Happey, Dr. F.	581
		Harper, Dr. D. A.	490
		Harrison, Dr. E.	353
		Hepworth, J. H.	581
		Hessenberg, W. C. F.	448
		Heywood, William S.	208
		Hignett, H. W. G.	112
		Hogg, J. N.	77
		Hosken, William E.	353
		Houlton, C. M.	77
		Hucklesby, Frederick Dorrien	254
		Humphreys, O. W.	165
		Hunter, J. S.	254
		Jackson, J. Houston	77
		Jefferies, Zay	353
		Jordan, W. B.	78
		Kay, Dr. J. M.	77
		Kerner, Dr. G. W.	354
		Kerr, John William	166
		Kershaw, J. M.	254
		Killpack, C. Gordon	77, 208
		Kington, C. N.	354
		Kirkwood, D. H.	354
		Kleiber, W. L.	397
		Kressin, David A.	293
		Leach, J. S.	17
		Lessing, Dr. R.	17
		Lindsley, Jr., M. F.	17
		Lloyd, Col. P. H.	77
		Loasby, Geoffrey	17
		Lovewell, Paul L.	353
		Maguire, S. L.	397
		Malcolm, Douglas M.	165
		Malyshev, V. A.	112
		Maznoni, Sir Herbert	490
		Martin, F. W.	293
		Martin, H. P.	293
		Marton, Dr. Ladislaus L.	397
		McCall, Dr. George L.	78
		McCammon, R. D.	354
		Melville, H. W.	397
		Menzies, G. M.	165
		Millett, Dr. W. H.	112
		Morgan, J. T.	397
		Murphy, Walter J.	394, 457
		Murray, O. W.	254

PEOPLE IN THE NEWS—

Andrewes, E. D. E.	293
Andrews, John S. V.	17
Archer, J. B.	112
Asquith, H.	581
Baerman, G. D.	165
Bailey, Anita I.	294
Bain, Robert	165
Ball, Herbert A.	581
Banfield, Dr. F. H.	353
Bannister, Dr. Leonard Charles	581
Barber, Alderman Revis	581
Bennett, Donald A.	353
Beutelspacher, Comm.	78
Bergin, H. J.	294
Bide, Austin E.	254
Booth, Dr. Norman	581
Bondeman, R. M.	397
Bozzi, Dr.	78
Brand, T. H.	77
Bremner, Dr. J. G. M.	254
Brough, J. S.	254
Brown, E. R.	254
Brundrett, James	208
Brundrett, John B.	294
Burnie, John L.	165
Burnthall, Edward V.	112
Burridge, Kenneth G.	448
Carlisle, S. S.	448
Chalfont, James G.	397
Chandos, Lord	208
Chappell, Norman F.	294
Cockcroft, Sir John	208
Cohen, Sylvan I.	581
Colebrook, Philip V.	448
Colton, C. H.	294
Cook, Douglas R. J.	165
Cooper, Charles	294
Conlon, Joseph P.	78
Corstige, John Malcolm	166
Crawford, Alastair F.	448
Crawford, N. R.	581
Cusa, Dr. N. W.	353
Cutbush, G. J.	490
Dadswell, Dr. C. J.	165
Daniel, T. E.	353
Davidson, G. P.	581
Davies, D. P. B.	535

Nathan, J. A.	254
Nesmeyanov, Prof. Alexander N.	78
Nicol, W. L.	535
Nicolaissen, Bernard H.	448
Norman, M. R.	112
Oldfield, E. A.	490
Oversby, R. G.	581
Owen, A. G. B.	166
Owen, Alan Huet	112
Padwick, Dr. G. Watts	354
Palmer, K. H.	354
Parker, W. J.	448
Parsonage, N. G.	354
Patchett, J. H.	294
Pearson, Dr. J.	397
Pearson, N. C.	77
Petch, N. J.	166
Pinchbeck, P. H.	112
Pixton, E. L.	254
Platt, William J.	353
Polkington, S.	294
Potter, Thomas B.	165
Posson, W. H.	166
Priddy, Kenneth	397
Randle, Mason M.	581
Redgate, R.	208
Reich, Murray H.	293
Reith, Lord	490
Reynolds, Charles M.	254
Richardson, R. P.	490
Riddick, G. G.	208
Roach, William H.	78
Robinson, Alderman Wright	208
Robinson, Sir Robert	165, 448
Rope, H. G.	581
Ross, A. M.	208
Ryan, John	490
Salt, D. C. M.	254
Sanders, Robert W.	78
Schiessl, Henry	535
Schram, Robert W.	294
Scott, Paul D.	581
Seastone, John B.	112
Shanklin, Fred L.	112
Shapland, J. Dee	353
Shillam, A. M.	78
Silversides, R. G.	77
Smart, John L.	581
Smeeton, A. E.	535
Spalding, A.	581
Spencer, H. F.	353
Stevens, Sir Jack	165
Stewart, R. S.	354
Stewart, S. C.	490
Sugden, F. W.	354
Summer, E. R.	490
Sutherland, Dr. G. B. B. M.	397
Sykes, Dr. Philip Howard	581
Taylor, Dr. J.	165
Taylor-Gill, A. R. T.	490
Thompson, R. J. S.	294
Thompson, W. Morgan	254, 448
Thomson, Prof. A. S. T.	490
Thomson, Sir George Paget	165
Todd, Sir Alexander	448
Treloar, Dr. L. R. G.	165
Treves, Gino R.	293
Tulley, C. C.	397
Turner, Ralph	166
Usher, R. A.	294
Verschaffelt, J.	397
Vick, F. A.	165
Voice, E. W.	397
Waggett, N.	581
Waide, S. L.	535
Wakeham, Dr. Helmut	17
Walker, Dr. T. K.	112
Walsh, Davis J.	165
Walters, Eric	254
Warren, G. W.	165
Watkins, William F.	293
Wells, Dr. A. F.	354
Westnedge, E. J.	254
White, Dr. Chester	448
Widman, James F.	254
Wilcoxon, Benton H.	77
Williams, Dr. Clyde	165
Williams, O. N.	208
Williams, Paul H.	165
Williams, Robert D.	77
Williams, T.	581
Wilmot, H.	353
Wilson, G. A.	535
Wingate, G. N. F.	112, 294
Wingfield, J. R.	397
Wiseman, L. A.	535, 581
Wistreich, J. G.	448
Wojcik, Dr. Bruno H.	448
Wood, R. McKinnon	490
Worboys, Dr. Walter John	17, 293

Q

Quickfit & Quartz Ltd.; Annual report	550
No reportable accidents	38

R

Radiation, chemical protection against	584
Ramsay Memorial Fellowship	84
Rare: Earth oxides, availability of	404
Metals, recovery of	456
Rationalisation in German chemical industry	306
Rayon for carpets	108
Reactor, nuclear, first private	23
Reactor school, Harwell, opened	484
Refinery: Esso's new	115
New units	125
Repellent: For cockroaches	578
Rain, for jet aircraft	457
Research: & development cost of	527
Expenditure	443
Support for	68
Resin filter for uranium	166
Resins: Polyurethane, development of	69
Synthetic, prices reduced	400
Restrictive Trade Practices Act	569
1st registration order	244
Guide for the industrialist	546
Restrictive trading agreements office	310
Review of organic phosphorus insecticides	29, 117
River Dee, pollution of, by Monsanto Chemicals Ltd.	89
River pollution, reducing	16
Royal Institute of Chemistry, London section golf meeting	584
Rockefeller research grant	356
Royal Society & Nuffield Foundation Commonwealth Bursaries Scheme, awards	77
Rubber: All-synthetic, tyres	579
& antioxidants	442
& chlorocresol absorption	487
& plastics, laboratory, for irradiating	411
& plastics symposium	393
Anti-corrosive	406
In engineering, conference on	307
Latex, synthetic, new Goodrich process	541
Mixtures	69
Silicone catalyst for	392
Stocks, US	483
Synthetic: at Strasburg	361
New plant by International Rubber Co.	16
Shell Chemical Corp's, new Canadian plant for	454
US plant for Iraq	298
Vulcanised methods of testing revised	67
Rubberised: Roads, tests on	116
Tar	116
Russian chemical abstracts	538
Russians' visit to Crawley	162
Rutile output, Australia	406

REGISTRATIONS, NEW—

Abrams, J., Ltd.	128
Badische Anilin & Soda Fabrik (United Kingdom Ltd.)	374

Baker, Howard (Proteins) Ltd.	90
Brox (Manchester) Ltd.	312
Barclay House Pharmaceutical Co. Ltd.	40
Bulk Oil Plants Ltd.	90
Campbell, A. J., Ltd.	265
Casenne Laboratories Ltd.	90
Cubrani Ltd.	374
Cuthbertson Chemical Industries Ltd.	90
Eaton The Chemist Ltd.	128
Essex Land Fertility Service Co. Ltd.	40
Evans Medical (Services) Ltd.	128
Grillon & Plastic Machinery Ltd.	128
Ingold's Scientific Enterprises Ltd.	265
Molecular Research & Development Co.	374
Naylor's (Chemists) Ltd.	128
Organic Intermediates Ltd.	374
Organic Laboratories Ltd.	91
Penelectro Ltd.	129
Permau Ltd.	312
Phillips, B. J. (Chemists) Ltd.	129
Plastic Filters Ltd.	91
Price's Laboratories Ltd.	312
Taylor, D. & S., Ltd.	265
Uclaf Ltd.	224
Whelan, F. J., Ltd.	312

REPORTS

Alkali & Works Act, 92nd Report	241
Annual Report of the Natural Rubber Development Board	116
British Standards Institution, annual report for 1955-56	363
Dechema-Monographs, Vols. 27 & 28	545
Food Investigation Board, DSIR, Report for 1955	348
Fuel Research Board, annual report Fuel Research, 1955	157
Patent cases	81
Industrial Accident Prevention by Industrial Safety Sub-Committee of the NJAC (HM Stationary Office)	440
Quarterly Bulletin, 1956, 13, 3, British Sulphur Corp.	161
Report of the Analytical Methods Committee, Society for Analytical Chemistry	455
2nd Annual Report (1955-56) of the United Kingdom Atomic Energy Authority	207
The Colonial Territories 1955-56	76

S

Safety: Industrial	440
Notebook	35, 83, 221, 410
Products Ltd., change of address	82
Saint-Gobain Co., France	400
Annual general meeting	266
Salt: Bath electrode	529
Deposits, Australia	358
Output increases in Holland	544
Production, investigation in Nigeria	125
Sampling device for liquids	401
Sasol output	572
Savotex Dylube, brick-making lubricant	67
Scav-Ox	88
Scholarship, Thomas Hedley & Co. Ltd.	293
Scholarships, Courtaulds Scientific & Educational Trust Fund	535
Science courses, special, for teachers	67
Scientific Design Co. Inc.; Link-up	351
New subsidiary, SD Plants Inc.	14
Scientific: Film review, new publication	13
Instrument Manufacturers' Association (SIMA) at Swedish Fair	454
Instruments, new	488
Scottish: Agricultural Industries Ltd., interim dividend	184
Tar Distillers Ltd., new unit	246
SD Plants Inc., new subsidiary of Scientific Design Co. Inc.	14
Sedimentometer	24
Shares, chemical & allied	178, 364
Shawinigan: Chemicals Ltd., half-yearly report	542
Water & Power Co.; Interim statement	265
Quarterly dividend	130

Sheep shearing, by chemicals	358
Shell Chemical Corp.; Canadian synthetic rubber plant	454
Synthetic rubber plant	172
Shell Haven refinery, Essex, second platforming unit built	11
Silicone rubber catalyst	392
Silicosis & related diseases	251
Silver nitrate, plant for producing	462
Simon-Carves Ltd., annual general meeting	130
Siponic E-1 to E-5	406
Slurry extraction by ion exchange	355
Smog tests, postmen for	453
Society: For Analytical Chemistry	372, 457
For Visiting Scientists	159
For Water Treatment and Examination, meeting	111
Of Chemical Industry: Annual general meeting	63
Corrosion Group essay	203, 204
75th anniversary and annual meeting	15, 63
Of Cosmetic Chemists of Great Britain, election of officers	17
Of Instrument Technology, London meetings	393
Soda ash from trona	253
Sodium pentachlorophenate, for bilharzia infestation	394
Solartron Electronic Group, sales team	125
Solubility studies	255, 301
Solvent power	255, 301
Soton hydraulic bending machine	584
South: African Institute of Mining & Metallurgy	75
Yorkshire Chemical Works Ltd., extension plans	67
Soviet: Steel experts, delegation of	581
Trade delegation arrival in Great Britain	21
Spring strips	583
Spurlin parameter	305
Staatsmijnen annual report	120
Staff status scheme at chemical works	439
Stainless steel garments	308
Standard Oil Co.; Norwegian oil refinery plans	125
Publication <i>The Lump</i>	251
Standard Telecommunication Laboratories Ltd., Van de Graaff accelerator	247
Stanford Research Institute: Executive changes	353
Report on	371
Steelmaking, new process	435
Steel Structures Painting Council, bulletin	571
Steeley Magnesia Co. Ltd., extension plans	376
Sterling Drug Inc., new subsidiary, Winthrop Laboratories Ltd.	14
Styrene: butadiene co-polymers, Monsanto	289
Monomer plant	484
Products Ltd.	203
Suez: —and beyond	291
New oil pipeline to Cairo	178
Suggestion schemes, Glaxo awards	357
Sulphur: Deposit, Mexico	579
Petrochemical in US	450
Plant for Canada	75
Recovery	161
Sulphuric acid: Handling	453
Output, Italian	539
Plant: India	74
In Philippines	400
South Australia	299
UK returns	253
<i>Sulzer Technical Review</i> , No. 4, 1955	455
Sumitomo Shoji Kaisha Ltd.	464
Superphosphate: Factory, Rhodesia	574
Manufacture, Indian	405
Manufacturers' Association	581
Supervisors, training for, Government booklet reviewed	363
Surface active agents	487
Non-ionic	174
Surfaces, exposed, protection of	123
Switzerland, foreign trade	214, 446
Sylvanie Electric Co., thorium explosion at	38

T

Tantalum, recovery of	456
Tape, self-adhesive, for accident prevention	120

Tar distillation, pipe still	246
Tax & Sale of 'Know-How'	359
Teepol not dangerous	311
Tektor J level control	543
Telcothene polythene	363
Telegraph Construction & Maintenance Co. Ltd., new factory at Crawley	114
Teletron motorising unit	459
Telstor LF3 level control	543
Temperatures, high, & chemical behaviour	544
Terylene Buyers' Guide, industrial version	251
Terylene in Industry, ICI publication	251
Testing facilities for industry	168
Tetracycline patent, British	529
Texas Co.: New ammonia plant	23
Take over	572
Texas-US Chemical Co., butadiene plant	246
Textile Institute: Examination results Formed in Australia	456
Textile machinery course	23
Thermometer, dipping, standard for	67
Thermomicro methods of identification of glutamic acid enantiomorphs	124
Thermoplastics production	19
Thermotank, tubing	173
Thomas, Sir Miles, visit to US	243
Thorium: Determination of	592
Exports from S. America	485
Explosions	75
Time Rates of Wages & Hours of Labour, 10th edition	38
Tin Research Institute's quarterly journal	15
Titanium; & titanium-based alloys	546
-based ceramic	451
Dioxide, S. African	570
Expansion plans, Stauffer Chem. Co.	460
Fire at William Jessop	437
From titanium sulphide	398
Manufacture	458
Mill contract	442
Oxide pigments	67
Pigment plant	438, 533
Prices fixed	246
Production of	289
Production resumed at ICI	499
Reduction process, inert gases in	14
Use of television for remote control production of	532
Thermoplastics in Argentina	499
Trade Fair: Damascus	458
US world	345
Vienna	455
Trade names, new	261
Tred: 50 & 85	173
Symposium	289
Report of	289
Tricel	484
L-tri-iodothyronine, sodium salt	173
Trinidad Oil Co. Ltd., taken over	346
Tunnel Cement Co., review of activities	572
Turbo-drill tests	203
.. .. .	212

U

Ubbelohde apparatus, new British Standard for	583
Uclaf Ltd., capital increased	312
Uganda Cement Industry Ltd., output	172
Ugine, annual general meeting	266
Ultrasonic gauge	252
Union Carbide & Carbon Corp.: Building plans New polythene plants	75
United Indigo & Chemical Co., annual report	22
United States World Trade Fair	550
University of Leeds, gifts received	455
Uranium: Exports from S. America	75
Extraction filter	166
From uranium slags	207
In Turkey	346

New method of detection	85
No longer priceless	207
Possibilities in Rhodesia	494
Production, US	351
Swiss to buy US	400, 458
UK deal with Canada	409
US developments	212
Uruguay, chemical import quotas	307

V

Vaccine, polio, for N. Zealand	345
Vacuum; Jan. 1954 Edn., Edwards High Vacuum Ltd.	177
Melting & pouring furnaces	76
Ultimate obtainable in vapour pumps	177
Valves, remote control of	459
Van de Graaff particle accelerators	204, 247, 261
Venesta aluminium foil	460
Vibration eliminator, metallic	308
Victoria Instruments Ltd., join Pullin Group	592
Vienna Trade Fair	261
Vitamin B, estimation of	18
Vitamins Ltd.	504
Vynair	576

W

Water laboratory, Natal	244
Water Pollution Abstracts	252
Wendell Nicholas (Mumbles) Ltd.	464
Whitehead, W. & J., cholesterol production	454
Whitening agent, new	124
Windsor, R. H., Ltd.	307
Winston Electronics Ltd., telephone number change	111
Winthrop Laboratories Ltd.	14
Writing, technical	573
Wyandotte Chemicals Corp.: Develop surface active agents	174
Process	177

WILLS—

Brennan, Charles Henry	313
Campbell, Arthur Frederick	160
Chambers, Frank Dawson	574
Cocking, Thomas Tusting	78
Hewlett, Thomas H.	313
Lloyd, Herbert Henry	361
Miller, James Bruce	177
Phillips, Charles John	78
Rau, Frederick Solomon	78
Shaw, Sydney	176
Thornfield, Charles	361
Trent, Lord	173
Whiteley, Dr. Martha Annie	536
Young, Vernon	162

Y

Yorkshire: Dyeware & Chemical Co. Ltd. annual general meeting	184
Technical education courses	399
Yugoslavia: Projects	298
Trade with	358

Z

Ziegler: Low pressure polymerisation	107, 126
Patent	540
Zinc Corp. Ltd., review of 1st 50 years	583
Zirconium test plant	571
Zy-glo	349
Zytel nylon resin for Canada	214